

Figure 1

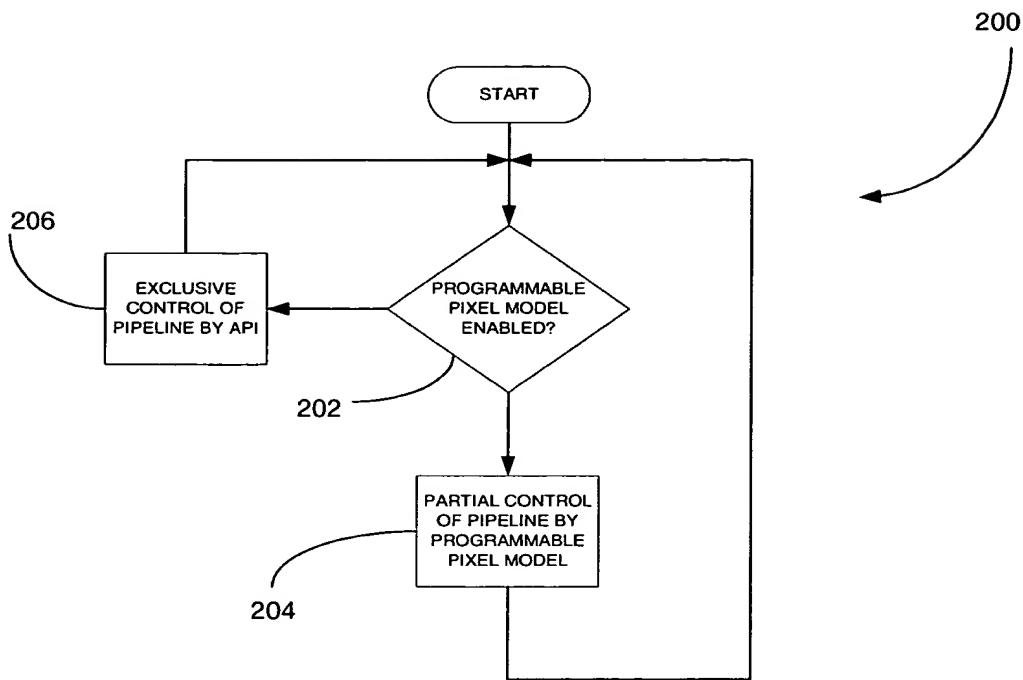
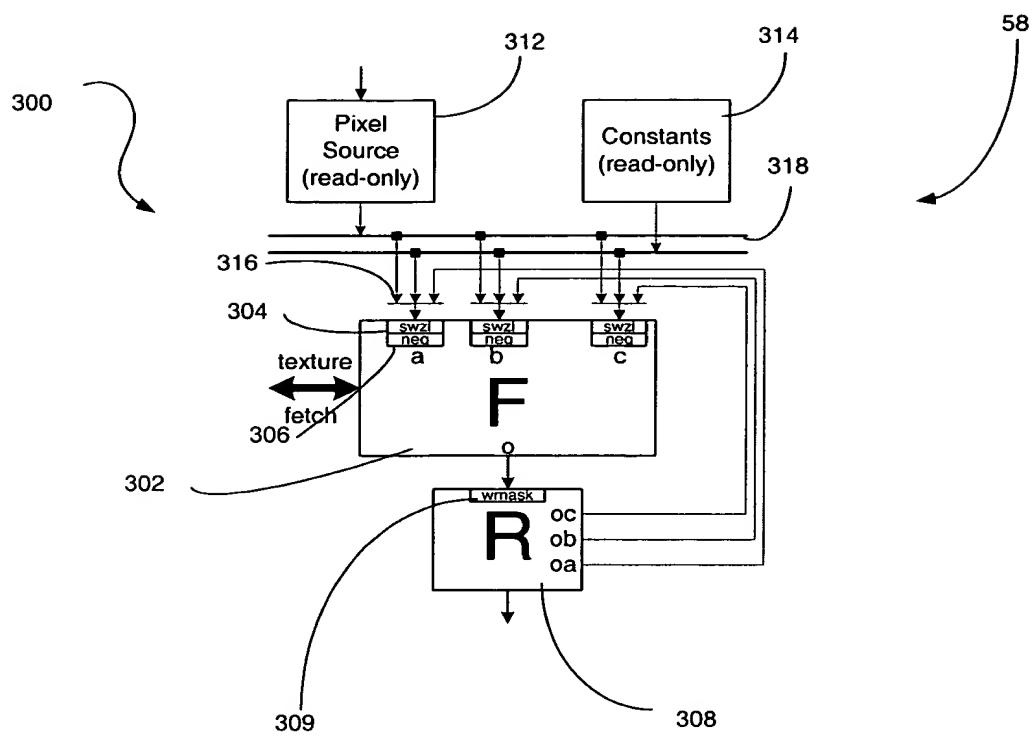


Figure 2



**Figure 3**

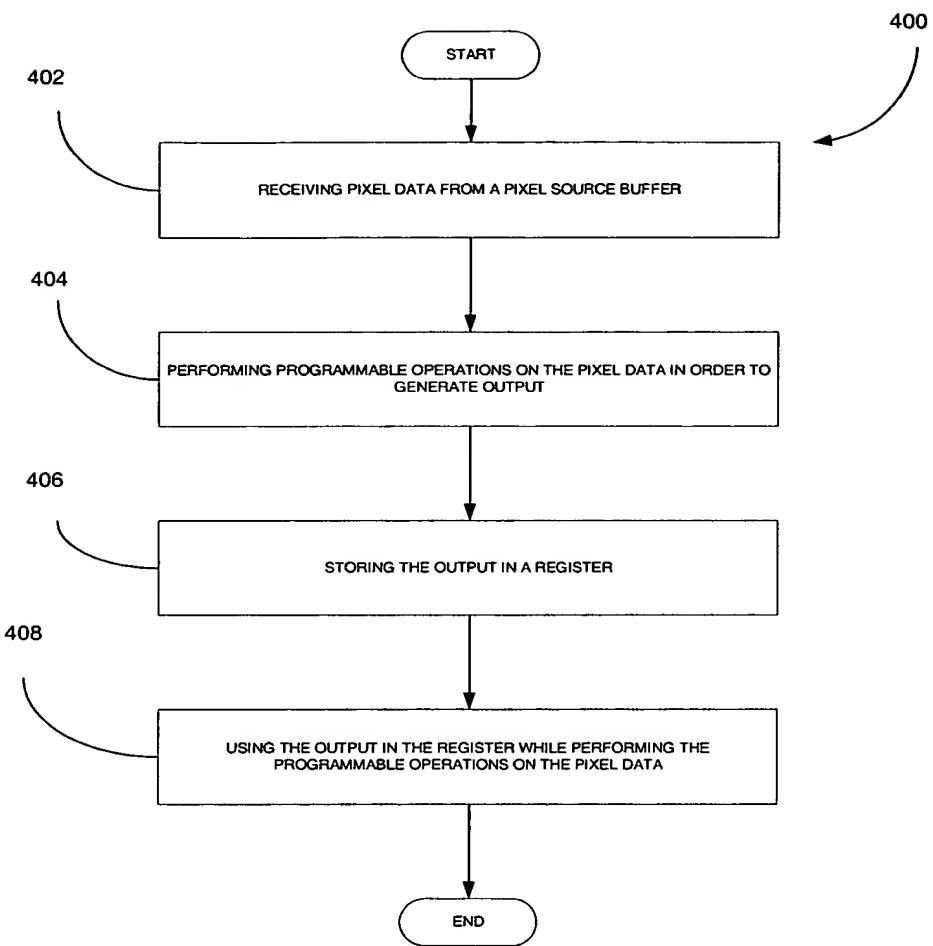


Figure 4

500



Slot	Attribute	Description
0	Position	X, Y, Z, 1/W
1	Diffuse Color	R, G, B, A
2	Specular Color	R, G, B, A
3	Fog Distance	F, 0.0, 0.0, 1.0
4	Texture0	S, T, R, Q
5	Texture1	S, T, R, Q
6	Texture2	S, T, R, Q
7	Texture3	S, T, R, Q
8	Texture4	S, T, R, Q
9	Texture5	S, T, R, Q
10	Texture6	S, T, R, Q
11	Texture7	S, T, R, Q

Figure 5

600



OPCODE	INPUT(scalar or vector)	OUTPUT(scalar or vector)
NOP		
TEX, TXP	v	v
TXD	v, v, v	v
DDX, DDY	v	v
MOV	v	v
MUL	v, v	v
ADD	v, v	v
MAD	v, v, v	v
RCP	s	ssss
RSQ	s	ssss
DP3	v, v	ssss
DP4	v, v	ssss
DST	v, v	v
MIN, MAX	v, v	v
PK2, PK4	v	s
UP2, UP4	s	v
SIL, SGE	v, v	v
FRC, FLR	v	v
KIL	RC	
EXP	s	v
LOG	s	v
LIT	v	v

Figure 6